



# Monthly Progress Report July 2021

Measure	Description	July 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	June 2021	July 2021
Homes and businesses ready-to-connect	The number of homes and businesses that can order a plan via a phone and internet provider and connect to the nbn™ access network.	11,800,000	11,900,000	11,900,000	11,900,000##	11,900,000##	11,900,000##	12,000,000	12,000,000
Homes and businesses connected	The number of homes and businesses connected to a plan over the nbn™ access network through a phone and internet provider.	7,400,000	8,000,000	8,000,000	8,100,000	8,100,000	8,200,000	8,200,000	8,200,000
Right first-time installations**	The percentage of homes and businesses that have their nbn™ equipment installed without additional work from NBN Co the first time the installation is attempted.	91%	87%	88%	87%	83%	74%****	78%****	82%****
Meeting agreed installation times	The percentage of premises that NBN Co connects to the nbn™ access network within target timeframes with phone and internet providers.	96%	92%	92%	89%	92%	91%	93%	96%
Average network bandwidth congestion	The average number of minutes of bandwidth congestion per week/ per service. This is calculated across all bandwidth purchased by all phone and internet providers across the entire network (CVC congestion). This excludes Sky Muster™ satellite.	25 minutes	33 minutes	27 minutes	32 minutes	19 minutes	13 minutes	19 minutes	27 minutes
Fixed Line network congestion*	The estimated monthly average percentage of homes and businesses who experience nbn™ access network congestion (as per NBN Co's congestion measures for Fixed Line networks). This excludes nbn™ Fixed Wireless and Sky Muster™ satellite.	0.126%	0.000%	0.001%	0.014%	0.000%	0.000%	0.000%###	0.000%###
Fixed Wireless busy hour cell performance	The percentage of cells with a monthly busy hour cell performance of 6 Mbps or more.	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Fixed Wireless busy hour backhaul performance	The percentage of cells on a backhaul link with a 28 day busy hour packet loss of less than 0.25%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Uptake to 50Mbps or over - wholesale plans	The percentage of homes and businesses on a 50Mbps (download) wholesale speed plan or higher, and	69%	70%	70%	71%	71%	73%	75%	77%
	25Mbps (download) wholesale speed plan or lower, purchased from a phone or internet provider.	31%	30%	30%	29%	29%	27%	25%	23%
Network availability	Percentage of time the nbn™ access network is available and operating. For this measure, the network is considered 'unavailable' during the time NBN Co is restoring services following the raising of a fault. It does not include periods where the network is unavailable due to operational outages for network upgrades and improvements or events beyond NBN Co's control. This metric has been rounded to the nearest two decimal places.	99.97%	99.95%	99.96%	99.95%	99.96%	99.96%	99.92%	99.95%
Meeting agreed fault restoration times	The percentage of time NBN Co resolves accepted faults within NBN Co's target timeframes with phone and internet providers.	92%	87%	89%	87%	87%	70%****	74%****	82%****
Faults after connection completed (per 100 connected homes and businesses)**	The number of faults on the nbn™ access network per 100 premises per month (excluding faults within 10 business days of the connection).	0.6	1.0	0.8	1.0	0.7	0.6	0.7	0.8
Sky Muster™ Satellite Network Faults	This metric describes the total number of nbn™ satellite network faults that impacted end user Sky Muster™ and Sky Muster™ Plus services that first arose within the month.	2	16	32***	16	6	8	14	11
Sky Muster™ Satellite Network Faults - Average Time to Restore	The Average Time to Restore measures the average time taken for NBN Co to resolve all nbn™ satellite network faults which affected the supply of nbn™ Sky Muster™ and Sky Muster™ Plus services and first arose within the month.	48 minutes	76 minutes	636 minutes***	19 minutes	227 minutes	144 minutes	147 minutes	61 minutes

It is important that this Progress Report is read in conjunction with the information on NBN Co's website at [nbn.com.au/updates](http://nbn.com.au/updates)

## Please note "Ready to Connect" includes premises which were temporarily categorised as HFC supply constrained, where our work on the network is complete but in the short term an order could not be placed due to the global supply shortage impacting nbn™ HFC connections and some issues with our new workforce scheduling system. See [here](#) for more information. Note that this disclaimer was incorrectly applied to June 2021 when originally published but has now been corrected.

### 'Fixed Line Network Congestion' was incorrectly reported in June 2021 at 0.010% and in July 2021 at 0.011%, and were actually both 0.000%. This has now been amended in the above table.

\*\* The calculation of this metric changed from October 2018. The new calculation of this metric excludes faults within 10 business days of the connection. This provides a better representation of the performance of the network post any connection related issues. The historical figures in this scorecard have been recalculated using this new metric. This metric should not be compared with the old "Faults per 100 connected homes and businesses" metric as contained in earlier monthly progress reports.

^ The calculation of this metric changed from July 2020. The new calculation of this Fixed Line Network Congestion metric has been expanded to include measurement from FTTN/B and HFC transit links, which were not previously included. These additional factors help to provide a more complete picture of fixed line network congestion. The historical figures in this scorecard have been recalculated using this new metric. This metric should not be compared with the old 'Fixed Line Network Congestion' metric as contained in pre-July 2020 monthly progress reports.

# This metric is for a 28 day period ending 16 December 2020. The metric ending 31 December 2020 is unavailable due to the office closure over the Christmas period.

\*\* The calculation of the Right First Time metric changed from August 2020 following improvements to data capture processes. The additional data now factored in the calculation helps to provide a more complete picture of Right First Time installations.

\*\*\* NBN Co identified a network issue impacting some Sky Muster satellite services in Northern Territory and South Australia. It was a single incident with an extended resolution time due to in-orbit spacecraft interference causing a degraded service experience for some customers within three beams of SkyMuster 1A only.

\*\*\* The increase in LTTS faults in February 2021 was driven by a high number of short duration outages caused by weather events across Australia which interrupted satellite communications to nbn™ customers. A small number of short duration outages occurred due to a bug within the network code which caused cards to autonomously reset after 172 days. This fault was resolved in February 2021.

\*\*\*\* This metric has been impacted by some unexpected challenges following the recent implementation of a new appointment scheduling system. See [here](#) for more information. NBN Co is working closely with phone and internet providers and delivery partners to have these issues resolved as soon as possible.

## Fixed Wireless Busy Hour Cell Performance Categories

The percentage of cells performing within specified monthly busy hour cell performance categories between <3 Mbps and >=25 Mbps.

The percentage of cells in each category is calculated using the number of cells in the relevant category divided by the total number of active cells on the nbn™ Fixed Wireless network at the end of the relevant month.

Month	Monthly busy hour cell performance category	% of Fixed Wireless Cells in category
July 2021	<3 Mbps	0.00%
	3 to <6 Mbps	0.01%
	6 to <12 Mbps	3.74%
	12 to <25 Mbps	23.03%
	>= 25 Mbps	73.22%

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## Fixed Wireless Cell Performance by Hours Spent in Categories

A "specified cell" means those cells that have a monthly busy hour cell performance of either <3 Mbps, or 3 to <6 Mbps.

This table shows the average number of hours a day "specified cells" spent in each of the following performance categories (averaged over 30 days):

(1) <3 Mbps

(2) 3 to <6 Mbps

This is expressed as a percentage of all Fixed Wireless Cells, which is calculated by dividing the number of cells that fall into each hourly category by the total number of active cells on the nbn™ Fixed Wireless network at the end of the relevant month.

July 2021 performance category (cell hourly download)	Average number of hours per day spent in performance category*				
	0 to <1 hours	1 to <2 hours	2 to <3 hours	3 to <4 hours	>= 4 hours
<3Mbps	0.00%	0.00%	0.00%	0.00%	0.00%
3-<6Mbps	0.00%	0.01%	0.00%	0.00%	0.00%

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\*Note a cell with a monthly busy hour cell performance of under 6Mbps may fall within both of these performance categories, and as such the rows may not add up to the proportion of cells with a monthly busy hour cell performance of under 6Mbps